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PTO/SB/21 (6-98)  
Approved for use through 09/30/2000. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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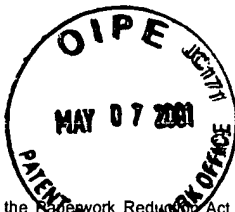
<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	<b>Application Number</b>	09/803,607
	<b>Filing Date</b>	March 9, 2001
	<b>First Named Inventor</b>	Alex Davidkhanian
	<b>Group Art Unit</b>	
	<b>Examiner Name</b>	
<b>Total Number of Pages in This Submission</b>	5	<b>Attorney Docket Number</b> AD-9

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Declaration for Utility Patent Application
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	Transmittal Letter
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	Certificate of Mailing
<input checked="" type="checkbox"/> Response to Missing Parts/Incomplete Application	<b>Remarks</b>	Check
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	This application was originally filed without signatures. Enclosed please find a newly signed and dated "Declaration" executed and filed within 60 days of filing date of 3/7/2001, as well as a check for the surcharge for filing the "Declaration" after the initial filing date. If additional fees are required, please deduct from Deposit account 50-1706.	Return Postcard

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Howard J. Greenwald; Greenwald & Basch LLP
Signature	
Date	3/12/01

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Typed or printed name	Howard J. Greenwald
Signature	
Date	5/3/01

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

# FEE TRANSMITTAL

## for FY 2000

Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.  
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$) \$65.00

### Complete if Known

Application Number 09/803,607  
Filing Date March 9, 2001  
First Named Inventor Alex Davidkhanian  
Examiner Name  
Group / Art Unit  
Attorney Docket No. AD-9

### METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 50-1706

Deposit Account Name Greenwald & Basch LLP

☒ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

2. ☒ Payment Enclosed:

☒ Check ☐ Money Order ☐ Other

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 690	201 345	Utility filing fee	
106 310	206 155	Design filing fee	
107 480	207 240	Plant filing fee	
108 690	208 345	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$) 0.00

#### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
20	-20** =	9	
Independent Claims	2 - 3** =	40	
Multiple Dependent		0	

\*\*or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 78	202 39	Independent claims in excess of 3
104 260	204 130	Multiple dependent claim, if not paid
109 78	209 39	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	65.00
127 50	227 25	Surcharge - late provisional filing fee or cover sheet.	0.00
139 130	139 130	Non-English specification	0.00
147 2,520	147 2,520	For filing a request for reexamination	0.00
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	0.00
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	0.00
115 110	215 55	Extension for reply within first month	0.00
116 380	216 190	Extension for reply within second month	0.00
117 870	217 435	Extension for reply within third month	0.00
118 1,360	218 680	Extension for reply within fourth month	0.00
128 1,850	228 925	Extension for reply within fifth month	0.00
119 300	219 150	Notice of Appeal	0.00
120 300	220 150	Filing a brief in support of an appeal	0.00
121 260	221 130	Request for oral hearing	0.00
138 1,510	138 1,510	Petition to institute a public use proceeding	0.00
140 110	240 55	Petition to revive - unavoidable	0.00
141 1,210	241 605	Petition to revive - unintentional	0.00
142 1,210	242 605	Utility issue fee (or reissue)	0.00
143 430	243 215	Design issue fee	0.00
144 580	244 290	Plant issue fee	0.00
122 130	122 130	Petitions to the Commissioner	0.00
123 50	123 50	Petitions related to provisional applications	0.00
126 240	126 240	Submission of Information Disclosure Stmt	0.00
581 40	581 40	Recording each patent assignment per property (times number of properties)	0.00
146 690	246 345	Filing a submission after final rejection (37 CFR § 1.129(a))	0.00
149 690	249 345	For each additional invention to be examined (37 CFR § 1.129(b))	0.00
Other fee (specify)			0.00
Other fee (specify)			0.00

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 65.00

### SUBMITTED BY

Name (Print/Type) Howard J. Greenwald

Registration No. (Attorney/Agent) 24,247

### Complete (if applicable)

Telephone 716-387-0280

Signature

Date

WARNING:

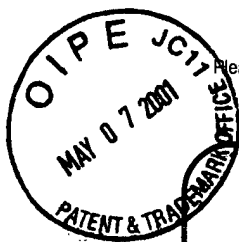
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<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Transmittal of Formal Drawings
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	Return Postcard
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	Certificate of Mailing
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	<b>Remarks</b>	This application was originally filed without formal drawings. Enclosed please find two (2) sheets of formal drawings for the above-referenced case.
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Howard J. Greenwald; Greenwald & Basch LLP
Signature	
Date	5/13/01

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Practitioner's Docket No. AD-9

#4  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Davidkhanian, Alex; Kemeny, Frank L. ; Langari, Ali; and Walker, David I.

Application No.: 09/803,607

Group No.:

Filed: 03/09/2001

Examiner:

For: "SLAG DETECTOR FOR MOLTEN STEEL TRANSFER OPERATIONS"

Assistant Commissioner for Patents  
Washington, D.C. 20231

TRANSMITTAL OF FORMAL DRAWINGS

This application was originally filed with informal drawings. Attached please find:

- (a) the formal drawing(s) for this application.  
Number of Sheets: 2

Each sheet of drawing indicates the identifying indicia suggested in Section 1.84(c) on the reverse side of the drawing.

Date: 5/3/2001

  
Howard J. Greenwald  
Registration No. 24,247  
Greenwald & Basch LLP  
Suite 2490  
349 West Commercial Street  
East Rochester, NY 14445  
US  
716-387-0280  
Customer No. 27157

CERTIFICATE OF MAILING (37 C.F.R. section 1.8(a))

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Howard J. Greenwald  
(type or print name of person mailing paper)

  
Signature of person mailing paper